


ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	CIRCUIT LAYOUT STRUCTURE																																																																																																						
Submission Type :	Utility Patent Filing																																																																																																						
Application Number:	10/711281																																																																																																						
EFS ID:	68080																																																																																																						
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>5280</td></tr><tr><td>USPTOEFSNot</td><td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	5280	USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/																																																																																												
Confirmation Code	Message																																																																																																						
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																						
ICON1	5280																																																																																																						
USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/																																																																																																						
First Named Applicant:	Chi Chang																																																																																																						
Attorney Docket Number:	12234-US-PA																																																																																																						
Timestamp:	2004-09-07 22:36:35 EDT																																																																																																						
From:	us																																																																																																						
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-fee-sheet</td><td>12234-usfees.xml</td><td>1592</td><td>2004-09-07</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td>24912</td><td>2004-09-07</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-09-07</td></tr><tr><td>us-assignment</td><td>12234-usasn.xml</td><td>1525</td><td>2004-09-07</td></tr><tr><td>us-assignment</td><td>us-assignment.xml</td><td>11263</td><td>2004-09-07</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>11123</td><td>2004-09-07</td></tr><tr><td>us-assignment</td><td>12234assignment01.tif</td><td>45354</td><td>2004-09-07</td></tr><tr><td>us-assignment</td><td>12234assignment02.tif</td><td>7244</td><td>2004-09-07</td></tr><tr><td>us-request</td><td>12234-usrequ.xml</td><td>1383</td><td>2004-09-07</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-09-07</td></tr><tr><td>us-request</td><td>us-request.xml</td><td>33904</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>12234.xml</td><td>21486</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>image1.tif</td><td>496030</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>image2.tif</td><td>496030</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>image3.tif</td><td>496030</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>image4.tif</td><td>496030</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2004-09-07</td></tr><tr><td>application-body</td><td>isobox.ent</td><td>3568</td><td>2004-09-07</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-fee-sheet	12234-usfees.xml	1592	2004-09-07	us-fee-sheet	us-fee-sheet.xml	24912	2004-09-07	us-fee-sheet	us-fee-sheet.dtd	11069	2004-09-07	us-assignment	12234-usasn.xml	1525	2004-09-07	us-assignment	us-assignment.xml	11263	2004-09-07	us-assignment	us-assignment.dtd	11123	2004-09-07	us-assignment	12234assignment01.tif	45354	2004-09-07	us-assignment	12234assignment02.tif	7244	2004-09-07	us-request	12234-usrequ.xml	1383	2004-09-07	us-request	us-request.dtd	19064	2004-09-07	us-request	us-request.xml	33904	2004-09-07	application-body	12234.xml	21486	2004-09-07	application-body	application-body.dtd	49498	2004-09-07	application-body	image1.tif	496030	2004-09-07	application-body	image2.tif	496030	2004-09-07	application-body	image3.tif	496030	2004-09-07	application-body	image4.tif	496030	2004-09-07	application-body	isoamsa.ent	5191	2004-09-07	application-body	isoamsb.ent	3988	2004-09-07	application-body	isoamsc.ent	1460	2004-09-07	application-body	isoamsn.ent	5620	2004-09-07	application-body	isoamso.ent	1934	2004-09-07	application-body	isoamsr.ent	7073	2004-09-07	application-body	isobox.ent	3568	2004-09-07
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																				
us-fee-sheet	12234-usfees.xml	1592	2004-09-07																																																																																																				
us-fee-sheet	us-fee-sheet.xml	24912	2004-09-07																																																																																																				
us-fee-sheet	us-fee-sheet.dtd	11069	2004-09-07																																																																																																				
us-assignment	12234-usasn.xml	1525	2004-09-07																																																																																																				
us-assignment	us-assignment.xml	11263	2004-09-07																																																																																																				
us-assignment	us-assignment.dtd	11123	2004-09-07																																																																																																				
us-assignment	12234assignment01.tif	45354	2004-09-07																																																																																																				
us-assignment	12234assignment02.tif	7244	2004-09-07																																																																																																				
us-request	12234-usrequ.xml	1383	2004-09-07																																																																																																				
us-request	us-request.dtd	19064	2004-09-07																																																																																																				
us-request	us-request.xml	33904	2004-09-07																																																																																																				
application-body	12234.xml	21486	2004-09-07																																																																																																				
application-body	application-body.dtd	49498	2004-09-07																																																																																																				
application-body	image1.tif	496030	2004-09-07																																																																																																				
application-body	image2.tif	496030	2004-09-07																																																																																																				
application-body	image3.tif	496030	2004-09-07																																																																																																				
application-body	image4.tif	496030	2004-09-07																																																																																																				
application-body	isoamsa.ent	5191	2004-09-07																																																																																																				
application-body	isoamsb.ent	3988	2004-09-07																																																																																																				
application-body	isoamsc.ent	1460	2004-09-07																																																																																																				
application-body	isoamsn.ent	5620	2004-09-07																																																																																																				
application-body	isoamso.ent	1934	2004-09-07																																																																																																				
application-body	isoamsr.ent	7073	2004-09-07																																																																																																				
application-body	isobox.ent	3568	2004-09-07																																																																																																				

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isocyr1.ent	5345	2004-09-07
application-body	isocyr2.ent	2504	2004-09-07
application-body	isodia.ent	1508	2004-09-07
application-body	isogr1.ent	4030	2004-09-07
application-body	isogr2.ent	2259	2004-09-07
application-body	isogr3.ent	3559	2004-09-07
application-body	isogr4.ent	1920	2004-09-07
application-body	isolat1.ent	5282	2004-09-07
application-body	isolat2.ent	9007	2004-09-07
application-body	isomfrk.ent	4553	2004-09-07
application-body	isomopf.ent	2571	2004-09-07
application-body	isomscr.ent	4628	2004-09-07
application-body	isonum.ent	5913	2004-09-07
application-body	isopub.ent	6621	2004-09-07
application-body	isotech.ent	5268	2004-09-07
application-body	mathml2.dtd	54588	2004-09-07
application-body	mathml2-qname-1.mod	13225	2004-09-07
application-body	mmlalias.ent	38209	2004-09-07
application-body	mmlextra.ent	7901	2004-09-07
application-body	soextblx.dtd	12870	2004-09-07
application-body	us-application-body.xsl	82504	2004-09-07
application-body	wipo.ent	4956	2004-09-07
application-body-pdf-wrap	12234-pdf-wrap.xml	725	2004-09-07
abstract-pdf	12234-abst.pdf	10391	2004-09-07
claims-pdf	12234-clms.pdf	19333	2004-09-07
description-pdf	12234-desc.pdf	65070	2004-09-07
drawings-pdf	12234-draw.pdf	76252	2004-09-07
us-declaration	12234declaration01.tif	42832	2004-09-07
us-declaration	12234declaration02.tif	18060	2004-09-07
package-data	12234-pkda.xml	9863	2004-09-07
package-data	package-data.dtd	27025	2004-09-07
package-data	us-package-data.xsl	19263	2004-09-07
Total files size		2820406	

Message Digest:

de9b3acad32e60b1e98d914fcc192725e4f6f5e2

Digital Certificate Holder
Name:

cn=Belinda Lee,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US